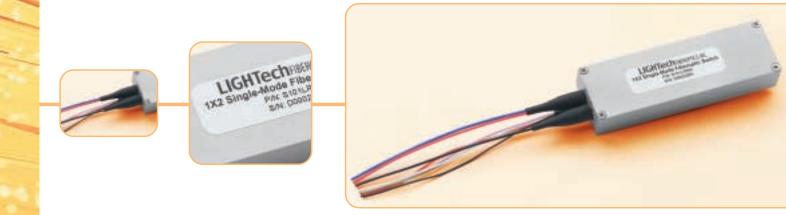
1x2 Optical Switch 1x1 (On/Off) Switch LT200

The LT200 Series 1x2 and 1x1 (On/Off) optical switches are available with direct or TTL control. They feature our patented reflective optics technology that delivers excellent performance and reliability from 0 - 65 °C.

- Meets Telcordia 1073 performance and reliability standards
- Designed to meet Telcordia 1221 performance and reliability standards
- Low insertion loss of 0.5 dB, typical
- High repeatability and low crosstalk at <-70 dB
- High switching speed of 10 ms, typical
- Reduces fiber routing problems
- Patented reflective optics permit operation from 0-65 °C
- Operates under direct or TTL control
- Compact size 12 x 20 x 62 mm

Applications

- System redundancy
- Add/drop
- Route diversity
- Signal routing and monitoring
- Test access
- Component testing





Fiberoptic Solutions at the Speed of LIGHTech



Corporate Office: 1981 Adams Avenue • San Leandro, CA 94577-1005 • Tel 510.567.8700 • Fax 510.567.8701 Customer Service: Sales Support 510.567.8503 / 510.567.8308 • Fax 510.567.8506 • Toll Free 800.567.1688 • info@lightech.net

ULIGHTECHFIBEROPTICS, INC.™

1981 Adams Avenue San Leandro, CA 94577 510.567.8700 510.567.8701 [fax]

Sales Support 510.567.8503 510.567.8308 510.567.8506 [fax] 800.567.1688 [Toll Free]



Out 2

Out

Configurations

Performance Specifications

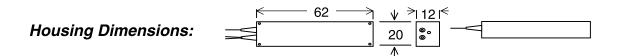
Specifications	LT200 Series 1x2 & 1x1	Unit
Insertion Loss ^{1,2}	0.5 typ - 0.8 max	dB
Repeatability	< ± 0.02	dB
Switching Time ³	10 typ - 15 max	ms
Operating Temperature	0 to 65	°C
Back Reflection	< -55	dB
Crosstalk	< -70	dB
Maximum Operating Current	60	mA
Nominal Operating Voltage ⁴	5	V DC
PDL	< 0.1	dB
Durability	10 million min	cycle
Control ⁵	Direct/Wire Harness	
Housing Dimensions (HxWxL)	12x20x62	mm
Wavelength Window ⁶	1280~1340, 1520~1580	nm

All specifications referenced without connectors

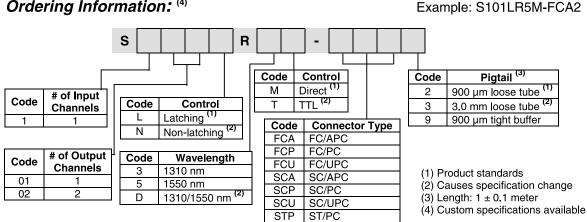
All specifications referenced with single-mode fiber

Multimode switches available upon request

- 1. Insertion loss based on 1550 nm single wavelength
- 2. Add 0.2 dB for 1310/1550 nm dual wavelength
- 3. For non-latching, 25 ms max
- 4. Operating voltage range from 4.75 to 5.5 volts (at room temperature)
- 5. TTL control is available as an option
- 6. Optimized at 1310 or 1550 nm (other wavelengths available upon request)



Ordering Information: (4)



The information set forth in this document reflects our best knowledge at the time of issue. The document is subject to changes pursuant to new developments and findings, and a similar reservation applies to the properties of the products described. We undertake no liability for results obtained by usage of our products and information.